

K-3 Class Size Impact &

School Capping Recommendations

Facilities Committee – January 16, 2019

Class Size Committee:

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2018-2019
Option 1

Total enrollment: 611

Teachers allotted: 28

K (1:20)	1 (1:20)	2 (1:20)	3 (1:20)	4	5
100	100	100	100	105	106

2018-2019
Option 2

Total enrollment: 591

Teachers allotted: 27

K (1:20)	1 (1:20)	2 (1:20)	3 (1:20)	4	5
97	97	97	97	101	102

Class Size Legislation K-3 Impact: State Allowances

SESSION LAW 2018-2 / House Bill 90 – Part II Class Phase In

Section 2. (b) ...for the **2019-2020 school year**, the average class size for kindergarten through third grade in a local school administrative unit shall not exceed one teacher per **19** students. *At the end of the second school month and for the remainder of the school year, the size of an individual class in kindergarten through third grade shall not exceed one teacher per **22** students.*

2019-2020

Total enrollment: 591

Teachers allotted: 29

Class Size Legislation K-3 Impact: State Allowances as of 2021-22

115C-301. Allocation of teachers; class size

(c) Maximum Class Size for Kindergarten Through Third Grade. – The average class size for kindergarten through third grade in a local school administrative unit shall at no time exceed the funded allotment ratio of teachers to students in kindergarten through third grade. The funded class size allotment ratio for kindergarten through third grade shall be as follows:

- (1) For kindergarten, one teacher per 18 students.
- (2) For first grade, one teacher per 16 students.
- (3) For second grade, one teacher per 17 students.
- (4) For third grade, one teacher per 17 students.

**No K-3
averaging**

At the end of the second school month and for the remainder of the school year, the size of an individual class in kindergarten through third grade shall not exceed the allotment ratio by more than three students.

2021-2022

Total enrollment: 591

Teachers allotted: 31

Working toward third grade attrition?

Proposed Capped Totals per Grade

	Grade K	Grade 1	Grade 2	Grade 3	
2018-2019	20	20	20	20	K-3 avg of 20
2019-2020	18	16	20	20	K-3 avg of 19
2020-2021(TBD)	18	16	17	20	K-3 avg of 18
2021-2022	18	16	17	17	

School Capping Consideration Factors

Some factors for considering whether a school should be capped:

- Class size legislation
- When a school will realize capacity loss
- When core facilities (dining, parking, pedestrian & vehicle traffic, toilets, media, student support, etc.) have been significantly overloaded by enrollment.
- When a school has used all means of accommodating students, staff, and programs to include sharing and floating educational programs.
- When trailer additions are not available.
- When attending enrollment reflects and/or base growth projects a significant enrollment beyond capacity, particularly at the entry level grade.

2018-19 Capped Schools (15 Elementary, 2 Middle, 3 High)

Elementary	Middle	High
Baileywick ES	Mills Park MS	Fuquay-Varina HS
Carpenter ES	Reedy Creek MS	Heritage HS
Cedar Fork ES		Panther Creek HS
Combs ES		
Fuquay-Varina ES		
Harris Creek ES		
Holly Grove ES		
Mills Park ES		
Olive Chapel ES		
Rogers Lane ES		
Scotts Ridge ES		
Sycamore Creek ES		
Vance ES		
Wendell ES		
Willow Springs ES		

2019-20 Capping Recommendations (Percent Crowding)

Staff recommends 20 schools continue to be capped:

Schools	% Crowding w/Trailers
Baileywick ES	92.4%
Carpenter (M-T) ES	129.1%
Cedar Fork ES	126.8%
Combs ES	132.0%
Fuquay-Varina ES	116.4%

Schools	% Crowding w/Trailers
Harris Creek (M-T) ES	104.4%
Holly Grove (M-T) ES	111.8%
Mills Park ES	115.2%
Olive Chapel (M-T) ES	112.8%
Rogers Lane ES	123.7%

2019-20 Capping Recommendations (Percent Crowding)

Staff recommends 20 schools continue to be capped:

Schools	% Crowding w/Trailers	Schools	% Crowding w/Trailers
Scotts Ridge ES	114.9%	Mills Park MS	112.8%
Sycamore Creek (M-T) ES	125.6%	Reedy Creek MS	116.1%
Vance ES	106.6%	Fuquay-Varina HS	104.0%
Wendell ES	123.7%	Heritage HS	109.1%
Willow Springs (M-T) ES	102.9%	Panther Creek High	112.4%

2019-20 Capping Recommendations (Overflow Schools)

Staff recommends 20 schools continue to be capped with these potential overflow schools:

Potential Overflow Schools		% Crowding w/Trailers	Potential Overflow Schools		% Crowding w/Trailers
Schools	Schools		Schools	Overflow Schools	
Baileywick ES	Lead Mine ES	119.5%	Harris Creek (M-T) ES	River Bend ES	99.6%
Carpenter (M-T) ES	Turner Creek (M-T) ES	97.0%	Holly Grove (M-T) ES	Herbert Akins (M-T) ES	97.9%
Cedar Fork ES	Reedy Creek ES	94.0%	Mills Park ES	White Oak ES	96.8%
Combs ES	Swift Creek ES	100.9%	Olive Chapel (M-T) ES	Salem (M-T) ES	68.3%
Fuquay-Varina ES	Buckhorn Creek ES	89.4%	Rogers Lane ES	Knightdale ES	94.7%

2019-20 Capping Recommendations (Overflow Schools)

Staff recommends 20 schools continue to be capped with these potential overflow schools:

Schools	Potential Overflow Schools	% Crowding w/Trailers
Scotts Ridge ES	Baucom TBD ES	97.9%
Sycamore Creek (M-T) ES	Pleasant Grove ES	93.7%
Vance ES	Rand Road ES	88.6%
Wendell ES	Carver ES	72.1%
Willow Springs (M-T) ES	Banks Road (M-T) ES	93.2%

Schools	Potential Overflow Schools	% Crowding w/Trailers
Mills Park MS	West Cary MS	108.4%
Reedy Creek MS	West Cary MS	108.4%
Fuquay-Varina HS	Middle Creek HS	90.4%
Heritage HS	Wake Forest HS	108.2%
Panther Creek High	Apex HS	94.3%
	Green Hope HS	108.1%

2019-20 Capping Recommendations (Percent Crowding)

Due to the K-3 class size mandate, staff recommends these 5 additional schools be capped:

Schools	% Crowding w/Trailers
Highcroft Drive ES	121.9%
Hortons Creek ES	138.0%
Oakview ES	111.4%
Weatherstone ES	119.0%
Yates Mill ES	113.8%

2019-20 Capping Recommendations (Overflow Schools)

Due to the K-3 class size mandate, staff recommends these 5 additional schools be capped:

Schools	Potential Overflow Schools	% Crowding w/Trailers
Highcroft Drive ES	Parkside (M-T) ES ?	0.0%
Hortons Creek ES	Parkside (M-T) ES ?	0.0%
Oakview ES	Buckhorn Creek ES	89.4%
Weatherstone ES	Reedy Creek ES ?	94.0%
Yates Mill ES	Swift Creek ES	100.9%

Concerns about proximity, calendar, and/or available seats in the potential overflow schools for Highcroft ES, Hortons Creek ES, and Weatherstone ES

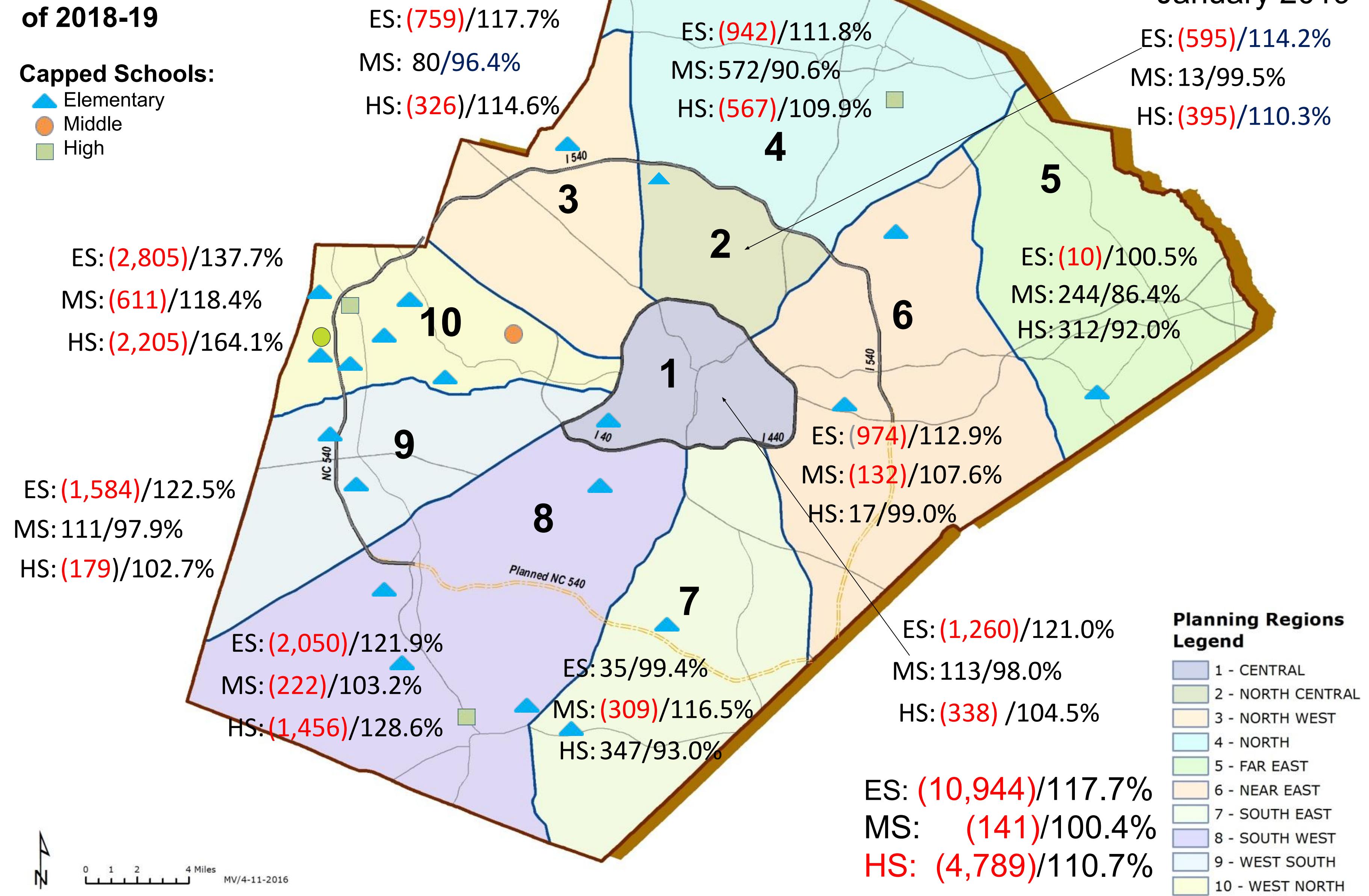
Existing & Proposed Capped Elementary School Summary

Schools	Status
15	Still have 19 kindergarten students in a class
5	Schools have more than 29 students in either 4 th or 5 th
4	Have two teachers in a classroom (total 10)
3	Have more than 20 kindergarten students in a class
2	Using undersized classrooms
2	Using combination classes (total 3)
1	Has more than 29 students in 4th <i>and</i> 5th grades

School Crowding as of 2018-19

Capped Schools:

- ▲ Elementary
- Middle
- High





School Crowding w/Trailers as of 2018-19

Capped Schools:

- Elementary (Blue triangle)
- Middle (Orange circle)
- High (Green square)

ES: (1,445)/116.4%
 MS: (351)/109.8%
 HS: (525)/110.3%
 ES: 16/99.8%
 MS: 449/92.0%
 HS: (179)/102.7%

ES: (199)/104.1%
 MS: 470/81.9%
 HS: (62)/102.5%

ES: 138/98.5%
 MS: 1,144/82.7%
 HS: (108)/101.7%

ES: (315)/107.1%
 MS: 221/92.3%
 HS: 301/93.4%

ES: 250/88.7%
 MS: 348/81.7%
 HS: 480/88.1%

ES: (74)/100.9%
 MS: 50/97.4%
 HS: 209/88.7%

ES: (560)/108.4%
 MS: 503/91.7%
 HS: 502/93.9%

ES: (1,724)/102.4%
 MS: 3,655/91.1%
 HS: 1,358/97.3%

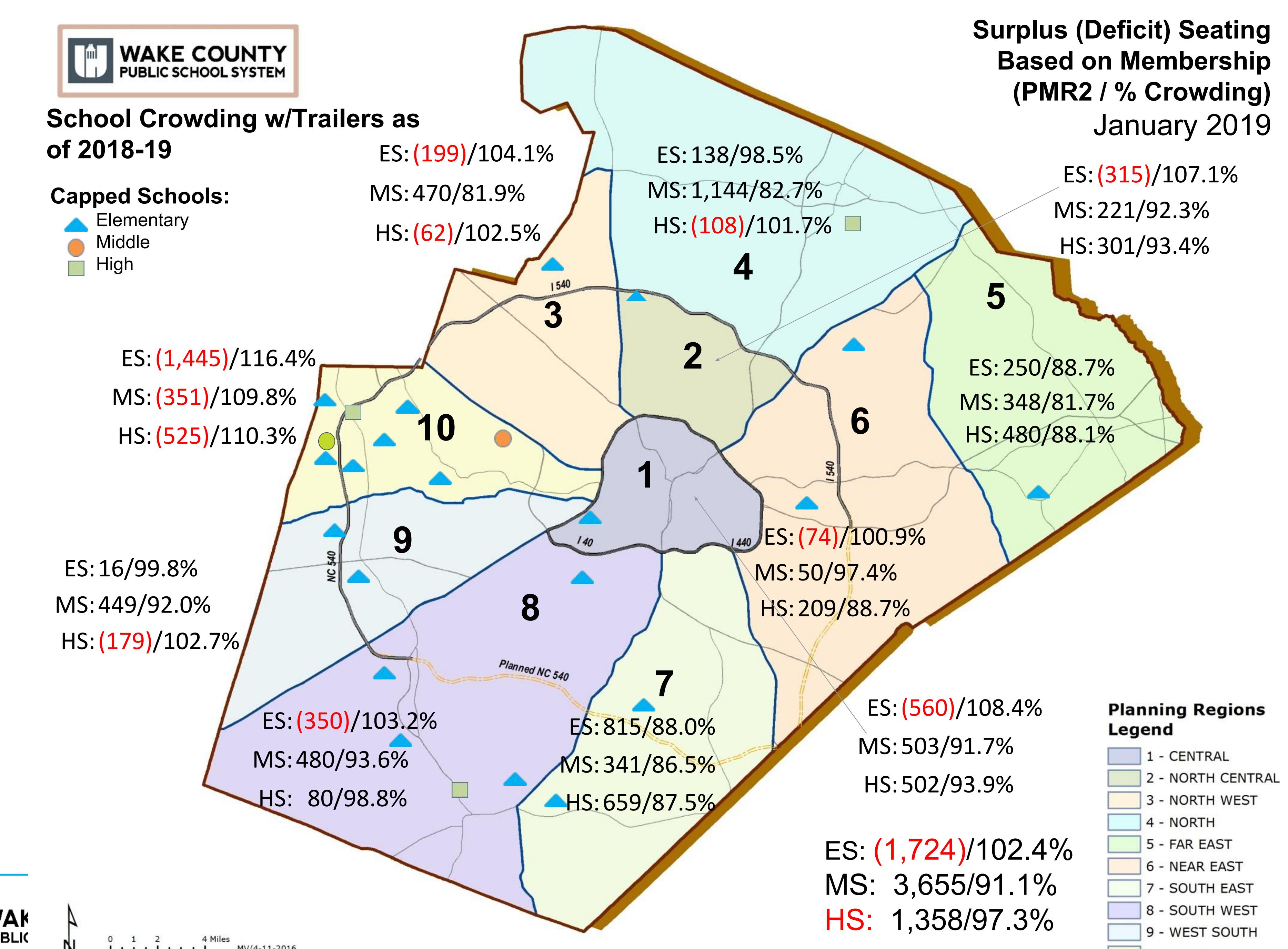
**Surplus (Deficit) Seating
Based on Membership
(PMR2 / % Crowding)**
January 2019

Planning Regions Legend

- 1 - CENTRAL
- 2 - NORTH CENTRAL
- 3 - NORTH WEST
- 4 - NORTH
- 5 - FAR EAST
- 6 - NEAR EAST
- 7 - SOUTH EAST
- 8 - SOUTH WEST
- 9 - WEST SOUTH
- 10 - WEST NORTH

ES: (350)/103.2%
 MS: 480/93.6%
 HS: 80/98.8%

ES: 815/88.0%
 MS: 341/86.5%
 HS: 659/87.5%



Cost Implications of capping schools

10 Additional buses @\$40,000 each totaling \$400,000 a year. Hiring additional drivers will be a significant challenge.

Recommended Caps

Staff proposes to implement the recommended cap formula immediately that impacts some existing cap totals (see Appendix A) and includes new elementary schools recommended to be capped.

See Appendix

Long Range Planning

Preventative measures would attempt to avoid:

- Future reassessments
- Future school calendar changes
- The need for creating additional classrooms later to accommodate “aging forward”

Next Steps - Timeline

- **January 22 Board of Education**
 - Approve 2019 cap recommendations due to legislative class size requirements effective immediately